Uncompromising ultra-portable design

POWERFUL MOBILE PERFORMANCE

Experience the powerful performance of an Intel® Core™ 2 Duo P8600 processor (2.40GHz[1]) with with Intel Centrino® 2 technology and 4GB of system memory[13] .

The VAIO® Z notebook comes pre-installed with Genuine Microsoft® Windows Vista® Business 32-bit - Bilingual (English/French).

Uncompromising elegance weaved into a 3.42 lb[7] (with standard battery) go-anywhere package.

Enjoy a 13.1" LED backlit widescreen display with XBRITE-DuraView™ LCD technology for a brighter, crisper, tougher display.

ENDLESS FEATURES

A hybrid graphics system lets you set graphics performance on the fly – no reboot necessary[5] .

An HDMI™ output[17] delivers video and audio to external sources via a single cable so you can enjoy HD entertainment on your compatible big screen TV without a myriad of extra cables (HDMI™ cable required, sold separately).

G-Sensor™ Shock Protection technology makes your data even less vulnerable to loss or damage. When the built-in 3D acceleration sensor detects a risky movement, the HDD-head will lock up to secure its position and help protect the disc from scratching.

ENVIRONMENTALLY ENGINEERED FEATURES

By using a mercury-free backlit LED display, the VAIO® Z notebook keeps one less chemical out of both your home and the landfills.

Built tough for business, the VAIO® Z notebook offers the portability of a 3.42 lbs[7] (with standard battery) form factor with the performance of a larger computer. Encased in durable carbon fiber and featuring scratch-resistant XBRITE-DuraView™ LCD technology, the Z notebook is designed to withstand the rigors of the road.

VGN-Z620D

VAIO® Z Series Notebook PC

Specifications

General

Computer Type: Notebook
Type of Use: Ultra-portable
Action Buttons: S1, S2, WLAN / Bluetooth® on / off, Performace Select
Pointing Device: Electro-static touch pad
Security: Biometric Fingerprint Sensor
Trusted Platform Module (TPM) TCG Ver.1.2 compliant

Hardware

Keyboard: QWERTY, 82 keys with 2.5mm stroke and 19.05mm pitch - Bilingual
Camera: Built-in MOTION EYE® camera and microphone [1]

Processor

Type: Intel® Core™ 2 Duo Processor P8600
Speed: 2.40GHz
Front Side Bus Speed: 1066MHz
L2 Cache: 3MB
Technology: Intel® Centrino® 2 processor technology [15]

Memory [15]

Type: DDR3
Installed: 4GB PC3-8500 (2GBx2)
Maximum: 4GB
Speed: 1066MHz [2]

Hard Drive

Capacity: 320GB
Speed: 5400rpm
Interface: Serial ATA
Impact Protection: G-Sensor™ Shock Protection - Hard Disk Drive Protection

Optical Drive #1

CD Support: Read / Write (CD-R / -RW)
DVD Support: Read / Write (DVD±R / ±RW / ±R DL / -RAM)

Expansion Slots

Multimedia Card Reader: One Memory Stick PRO™ (STD / DUO) media slot with MagicGate® functionality
One ExpressCard® / 34 media slot
One Secure Digital (SD memory card) media slot

Audio

Sound System: Intel® [6] High Definition Audio

Display

Screen Size: 13.1"
Resolution: 1366 x 768
XBRITE-DuraView™ Technology: Yes
Back Light Technology: LED

Graphics

Processor: NVIDIA® GeForce(R) 9300M GS GPU with Total Available Graphics Memory of 1500MB (max.) and Mobile Intel® Graphics Media Accelerator 4500MHD with Intel® Clear Video Technology. Total Available Graphics Memory: 1311MB (max.) [10]
Video RAM: 256MB of dedicated video RAM
Technology: Hybrid Graphics System
Chipset: Mobile Intel® GM45 Express Chipset

Inputs and Outputs

Modem Jack: 1
Microphone Input: 1
Port Replicator Connector(s): 1 (Bottom)
USB Port(s): 2 (2.0 compliant)
VGA Output(s): 1
DC-In: 1
i.LINK® Connection: 1 (4pin) i.LINK® connector (IEEE 1394) [9]
Headphone Output(s): 1
Ethernet Connection (s): 1
HDMI™ Output: 1 [15]

Networking / Modem

Ethernet Protocol: 10Base-T / 100Base-TX / 1000Base-T (Gigabit)
Ethernet Speed: Fast Ethernet (RJ-45)
Modem Type: Integrated V.92 / V.90 Modem (RJ-11)
Wireless LAN: Intel® WiFi Link 5100AGN (802.11a / b / g / n) [7]
Wireless WAN: Integrated Mobile Broadband
Bluetooth® Technology: Integrated Stereo A2DP Bluetooth® Technology (2.1+EDR) [14]

Power

Battery Type: Standard Capacity Lithium-ion Battery (VGP-BPS12)
Estimated Battery Life: 3.0 to 6.0 hours [11] Standard Capacity Battery
4.5 to 9.0 hours [11] Large Capacity Battery
Power Requirements: 100W + 10%

Software

Operating System: Genuine Microsoft® Windows Vista® Business 32-bit / XP Pro downgrade - Bilingual (English/French)
Supplied Software: Microsoft® Works SE 9.0
VAIO® Multimedia Suite: VAIO® Startup Assistant
Click to Disc Editor - Import, Edit, Burn
VAIO® Movie Story - Simple Movie Creation
VAIO® MusicBox - Music by Mood
VAIO® Media plus - Multimedia Streaming Software
*Please access VAIO® Help and Support from your PC for a complete list of software applications and trials.

Service and Warranty Information

Telephone Support: 1Year
Limited Warranty Term: 1 Year [12]

Environmental Information

RoHS®: Compliant

Dimensions

Weight: 3.42 lbs [5] (with standard battery)
Measurements: 12.4"(W) x 1.0-1.3"(H) x 8.3"(D) [7,8]

Supplied Accessories

Standard Capacity Lithium-ion battery (VGP-BPS12)
AC Adapter (VGP-AC19V26)
Power Cable

Optional Accessories

Stick AC Adapter (VGP-AC19V21)
Port Replicator (VGP-PRZ1)
Additional Standard Capacity Battery (VGP-BPS12)
Large Capacity Battery (VGP-BPL12)
VAIO® Protection Case (VGP-CKZ1)
USB Optical Mouse (VGP-UMS20 / B)
Bluetooth® Laser Mouse [4] (VGP-BMS33 / B)
Neoprene Case (VGP-AMB10)

Color: Black

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires 802.11n compatible access point. Some functionality may require Internet services.
4. Broadband Internet service required along with third party services which may require a subscription or other service fee.
5. VAIO® Z Series notebooks that are either pre-installed with or have been downgraded to Windows® XP Professional will need to be rebooted to switch between Speed and Stamina modes.
6. Viewable area measured diagonally.
7. Non-metric weights and measures are approximate and may vary.
8. Measured at the narrowest point
9. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
10. Total Available Graphics Memory refers to the new Windows Vista® classification of graphics memory, which varies depending on the operating condition, version of device driver and system memory size.
11. Actual battery life may vary based on product settings, usage patterns and environmental conditions.
12. See actual limited warranty for details.
13. A portion of the system memory over 3GB may not be available to the operating system.
14. Interoperability and compatibility among Bluetooth® devices vary.
15. Requires high definition-capable display with HDMI™ connector. Image quality will vary.

Computer Interface: For this product,there are a multitude of varying software packages and add-on hardware options. This product is not manufactured to work with any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and / or non-Sony add-on hardware options except those mentioned here. Sony hereby disclaims any representations or warranties that this product is compatible with any combination of non-Sony products you may choose to connect to it. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony computer are subject to change without notice. Preinstalled software may not be identical to retail versions or have all documentation. Features and specifications are subject to change without notice.

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